

60 inch Telescope Log

Observer: P. Berlin M. Calkins

PI: Garcia

Spectrograph: FAST

Grating: 300R + 1200R

Page: 6195

Date: 4/18/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	BIAS				0s	clear skies
6-10	DARK				15m	
11-14	DARK				20m	bin by 2
15-24	BIAS				0s	by 4
25-31	BIAS				0s	bin by 2
35	COMP	1200R;	1.1" slit	$\lambda_c = 4\mu$	10s	w/o spacer bin by 4
36-40	FLAT				60s	1200R, 1.1" slit; tilt = 340.0
41	COMP	1200R;	1.1" slit	$\lambda_c = 6000$	15s	w/o spacer
42-46	FLAT	NOT USED			90s	1200R, 1.1" slit; tilt = 169.0
47	COMP	1200R;	1.1" slit	$\lambda_c = 4800$	60s	w/ spacer
48-52	FLAT				2m	1200R, 1.1" slit; tilt = 280.0
53	COMP	1200R;	1.1" slit	$\lambda_c = 4200$	60s	w/ spacer
54-58	FLAT					1200R, 1.1" slit; tilt = 110.0
						Seeing terrible 3-5"
59-60	CI Cam	1200R	1.1" slit	$\lambda_c = 4200$	8m	tilt = 110.0 w/ spacer
61	COMP			↑	60s	
						w/ spacer
62-64	CI Cam	1200R		65	1m 2m 4m	tilt = 280.0 $\lambda_c = 4800\text{Å}$
65	COMP			↑		
						hit telescope limits
66-69	CI Cam		$\lambda_c = 4\mu$	65	30, 20, 2m	tilt = 340.0; spacer is out
70	COMP			↑		
71	test					
72-76	FLAT	300R;	3" slit		6s	300R, 3" slit; tilt = 607 - std
77-81	FLAT				12s	bin by 2

60 inch Telescope Log

Observer: PBMC

PI: Bartun & Huchra & Kirshner

Spectrograph: FAST

Grating: 3002

Date: 4/18/98

Page: 6196

Number	Object	R.A.	Dec.	L/R	Exp	Comments
82	no gal - 071	9:33	+10:09	73	5m	OK.
83	COMP			↑		
84	no gal - 074	09:39	+36:33	73	12m	good ones!
85	COMP			↑		
86	no gal - 075	09:39	+36:34	73	15m	
87	COMP			↑		seeing ~2"
88	0952p0620	09:52:46	+66:20:39	99	20m	for Emilio Falco
89	COMP			↑		faint MK
90	ZM121402.6	12:14	+15:09	68	20m	
91	COMP			↑		
92	ZM122137.6	12 21	17 02	68	15m	
93	COMP			↑		
94	ZM121352.8	12 13	16 50	68	16m	
95	COMP			↑		
96	ZM121310.0	12 13	11 57	68	15m	
97	COMP					
98	SN1998aa	11:56	+55:07	2	15m	extra blue grating
99	COMP			↑		tilt for Peter Gr.
100	SN1998s	11:46	+47:28	2	10m	" tilt = 580.0
101	COMP			↑		
102	SN1998ab	12:48	+41:55	2	20m	"
103	COMP			↑		
104	SN1997cg	13:11	+22:55	2	20m	"
105	COMP			↑		
106-107	HZ44	13:21	+36	56	10s	"
108	COMP			↑		
109-113	FLAT			2	12s	necessary now
114-118	FLAT			2	45s	" saturated



60 inch Telescope Log

Observer: PD/MC

PI: Carter

Spectrograph: FAST

Grating: 3002, 3" slit, tilt=60°

Page: 6/97

Date: 4/18/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
119	1217p6622	12:11	+6:22	68	20m	normal setup+tilt ↓
120	comp			↑		Large LSB gal, bright & near R EM
121	N000020	12:26	+3:13	75	30s	
122	comp			↑		
123	Z000149	12:28	+18:37	75	45s	
124	comp			↑		
125	N002263	12:34	26:40	75	3m	
126	comp			↑		
127	Z000942	12:35	26:31	75	2.5m	
128	comp			↑		
129	Z0007384	12:35	26:59	75	4m	
130	comp			↑		
131	Z000027	12:35	27:57	75	3m	
132	comp			↑		
133	Z011675	12:36	32:04	75	4m	
134	comp			↑		
135	N000972	12:36	26:49	75	4m	
136	comp			↑		
137	Z011676	12:36	32:06	75	5m	
138	comp			↑		
139	Z010031	12:36	27:51	75	5m	
140	comp			↑		
141	Z011677	12:36	27:44	75	5m	
142	comp			↑		
143	Z006250	12:37	28:12	75	5m	
144	comp			↑		
145	N002952	12:37	27:07	75	6m	
146	comp			↑		
147	Z011678	12:37	32:05	75	10m	
148	comp			↑		

60 inch Telescope Log  
 Observer: PR/MC  
 PI: Scott  
 Spectrograph: FAST  
 Grating: 300L  
 Date: 4/18/98  
 Page: 6198

Number	Object	R.A.	Dec.	L/R	Exp	Comments
149	7001654	12 38	32 05	75	6.5m	
150	comp			↑		
151	7003478	12 38	31 59	75	5m	
152	comp			↑		
153	7008574	12 39	30 24	75	5m	
154	comp			↑		bn by 2
155	N00264	12:12	+27:44	75	3m	em; also sup * •
156	comp			↑		
157	162621m2416	16:26	-24:16	74	16m	
158	comp			↑		
159	162603m242337	16 26	-24 23	74	10m	
160	comp			↑		16 26 01 -24 23 34
161	162658m244529	16 26	-24 45	74	10m	16 26 57 -24 45 34
162	comp	m007	22	↑		16 27 34 -24 38 34
163	162735m243834	16 27	-24 38	74	10m	
164	comp			↑		
165	HBC 258	16 25	-24 29	74	4m	
166	comp			↑		
167	HBC 259	16 25	-24 20	74	90s	
168	comp			↑		
169	HBC 262 S	16 26	-24 45	74	7.5m	-•-
170	comp			↑		
171	HBC 262 N	16 26	-24 45	74	10m	-•-
172	comp			↑		
173	HBC 275 NW	17 11	-27 22	74	7.5m	-•-
174	comp			↑		
175	HBC 266	16 28	-24 27	74	2m	
176	comp			↑		
177	HBC 268	16 21	-24 26	74	1m	
178	comp			↑		

shift 160 ± 162 0.046      162 ± 164 0.096  
 160 ± 164 0.122

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6199</u>
Observer: <u>PB/MC</u>				Grating: <u>300 L</u>		Date: <u>4/18/98</u>
PI: _____						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
179	HBC 270	16 49	-14 20	74	30s	
180	comp			↑		
181	HBC 637	16 26	-24 23	74	4m	
182	comp			↑		
183	HBC 639	16 26	-24 20	74	6m	
184	comp			↑		
185	SN1981	18:22	+15:42	2	20m	
186	WMP			↑		
187	NS866	15:05	+55:59	57	5m	
188	WMP			↑		
189-190	BDp332642	15:50	+33:05	56	1m	
191	WMP			↑		
192-193	AGDn	16:01	+66:48	2	20s, 2s	
194	WMP			↑		
195-204	BIAS				0s	Binby 4
215-224	BIAS				0s	Binby 2
225-234	Flat				6s	Binby 4
235-244	Flat				12s	Binby 2
245-249	SKY	zenith		57	5s	"
250	WMP			↑	6s	"
251-270	DARK				15m	clouds to N of drum